

5

ABSTRACT OF DISCLOSURE

10 A green light emitting from a terbium-samarium co-activated alkaline earth metal rare earth oxide phosphor which is composed of an oxygen atom and a composition of the formula:



15 [M^{II} is Mg, Ca, Sr or Ba; M^{III} is Y, La, Gd or Lu; 0<x<0.1; and 0<y<0.1] upon irradiating a radiation or ultraviolet rays can be favorably employed for measuring the radiation or ultraviolet rays. The green light, if desired, 20 in combination with a red light emitting the phosphor, is also employable for producing a radiation image.

RECORDED IN 322525260
RECORDED 12/10/85